

Auddard & Co.
11/03/2023
MINUTES

Summary of Tasks/Deliverables

Deliverables:

1. Common software engineering artifacts
 - a. [Project management plan](#)
 - b. Requirements document
 - c. Design document**
 - i. Seamlessly aligns with the specified requirements
 - d. Test cases**
2. Well documented C++ program that can evaluate arithmetic expressions with the specified operators and features
3. A user manual or README file explaining how to use the program, including examples

Project Tasks:

1. Expression Parsing:
 - a. Implement a function to tokenize the input expression
 - b. Create a data structure, such as a stack or a tree, to represent the expression's structure
2. Operator Precedence:
 - a. Define the precedence of the operators according to the PEMDAS rules
 - b. Implement the logic to evaluate the expression while considering operator precedence
3. Parenthesis Handling
 - a. Develop a mechanism to identify and evaluate expressions within parentheses
4. Numeric Constants:
 - a. Recognize numeric constants in the input. Initially assume the input will be integers only. In the future, there may be a request to accommodate floating point input values also so you experience change requests and embracing changes
5. User Interface:
 - a. Create a user-friendly and legible command-line interface that allows users to enter expressions and displays the calculated results
6. Error handling:
 - a. Implement robust error handling to manage scenarios like division by zero or invalid expressions

November 3rd, 2023

Meeting Commenced: 4:01 PM

Meeting Adjourned: 4:10 PM

Location: Zoom

Attendance:

☒ ~~Sriya Annem~~

☒ ~~Lauren D'Souza~~

☒ ~~Ella Nguyen~~

☒ ~~Morgan Nguyen~~

☒ ~~Audrey Pan~~

☒ ~~Tanu Sakaray~~

Additional Notes:

Meeting Goals/Agenda:

1. [Software Architecture Document](#)
 - a. Introduction - Tanu
 - b. Architectural Representation - Sriya
 - c. Architectural Goals & Constraints- Ella
 - d. Logical View - Morgan
 - e. Interface Description - Audrey
 - f. Quality - Lauren
2. Weekly In-Person Meetings for Coding Portion of Project
 - a. Week of the 12th:
 - i. 11.14.23 @ ~~7 PM~~ 4PM
 - ii. LEEP2 1320 (pending for confirmation)
 - b. Week of the 19th:
 - i. 11.20.23 @ 5 PM
 - c. Week of the 26th
 - i. 11.28.23 @ 7 PM
 - d. On Dec 3rd (OPTIONAL)